

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062220\
 Data File : PL059417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2020 17:46
 Operator : AJ\MA
 Sample : L3082-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-2MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 04:04:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062220.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 22 14:09:48 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.518	4.072	38554069	56752545	21.453	21.989
28)	SA Decachlor...	8.290	9.184	36496012	50067978	21.433	21.867
Target Compounds							
2)	A alpha-BHC	3.959	4.463	129.4E6	173.1E6	50.122	50.819m
3)	MA gamma-BHC...	4.245	4.752	114.9E6	161.9E6	50.372	51.728
4)	MA Heptachlor	4.550	5.267	107.7E6	166.1E6	50.492	51.269
5)	MB Aldrin	4.800	5.575	90599279	154.1E6	50.913	50.035
6)	B beta-BHC	4.494	4.919	46693741	69959776	49.032	51.439m
7)	B delta-BHC	4.701	5.141	101.1E6	139.0E6	49.581	49.972
8)	B Heptachlo...	5.244	5.963	76185954	136.4E6	50.683	54.335
9)	A Endosulfan I	5.585	6.321	74299095	135.8E6	50.503	50.039
10)	B gamma-Chl...	5.472	6.197	77223839	146.0E6	50.350	49.859
11)	B alpha-Chl...	5.531	6.270	78327368	148.4E6	50.402	50.407
12)	B 4,4'-DDE	5.694	6.426	73733464	136.8E6	50.743	50.656
13)	MA Dieldrin	5.828	6.580	80063927	143.0E6	50.751	50.787
14)	MA Endrin	6.086	6.798	78535733	124.5E6	51.688	50.394
15)	B Endosulfa...	6.358	7.005	77622979	126.4E6	50.266	49.827m
16)	A 4,4'-DDD	6.210	6.916	65596533	116.4E6	50.267	52.307
17)	MA 4,4'-DDT	6.452	7.217	69859704	117.6E6	52.982	51.739
18)	B Endrin al...	6.526	7.129	66539614	110.0E6	50.345	50.163m
19)	B Endosulfa...	6.740	7.354	76567257	121.3E6	50.431	50.102
20)	A Methoxychlor	6.998	7.673	41882153	66197347	51.678	49.868
21)	B Endrin ke...	7.232	7.828	88401861	133.1E6	50.702	51.510
22)	Mirex	7.425	8.285	71114770	98446175	50.361	49.842

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062220\
Data File : PL059417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jun 2020 17:46
Operator : AJ\MA
Sample : L3082-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

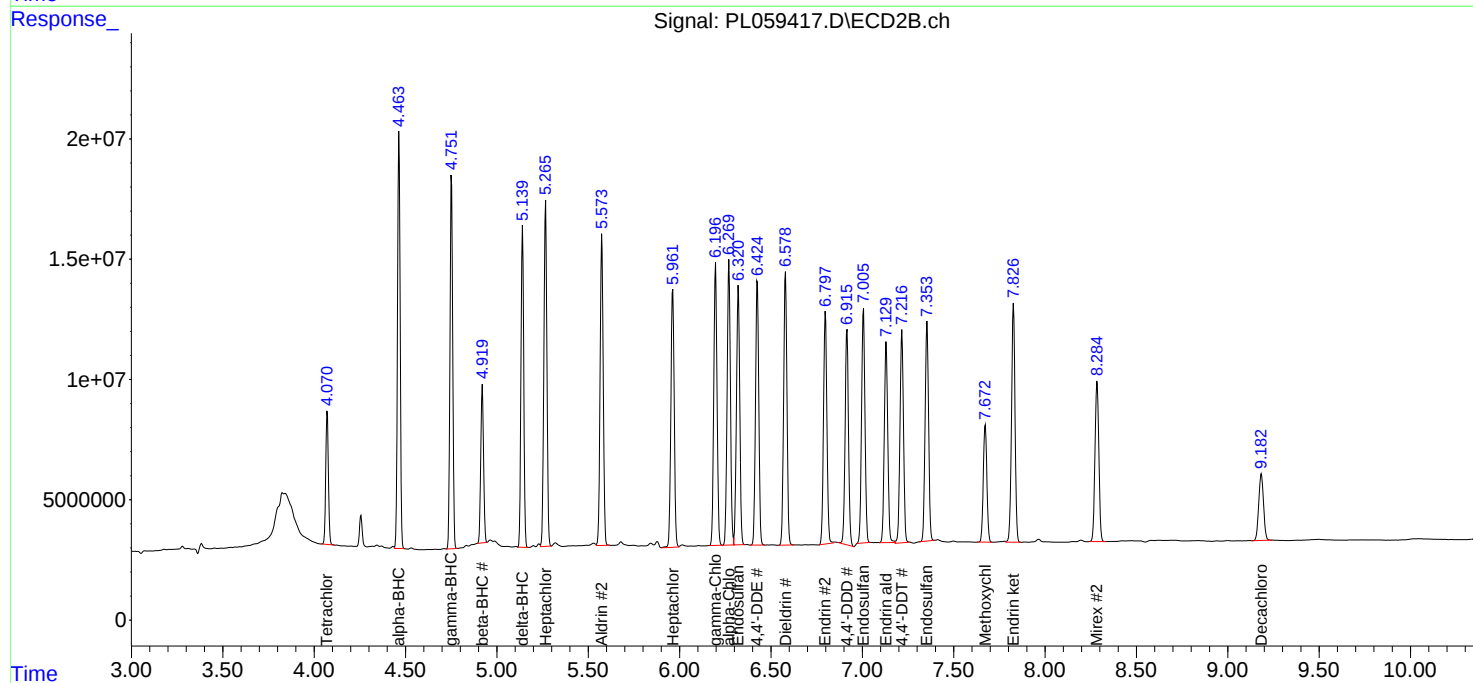
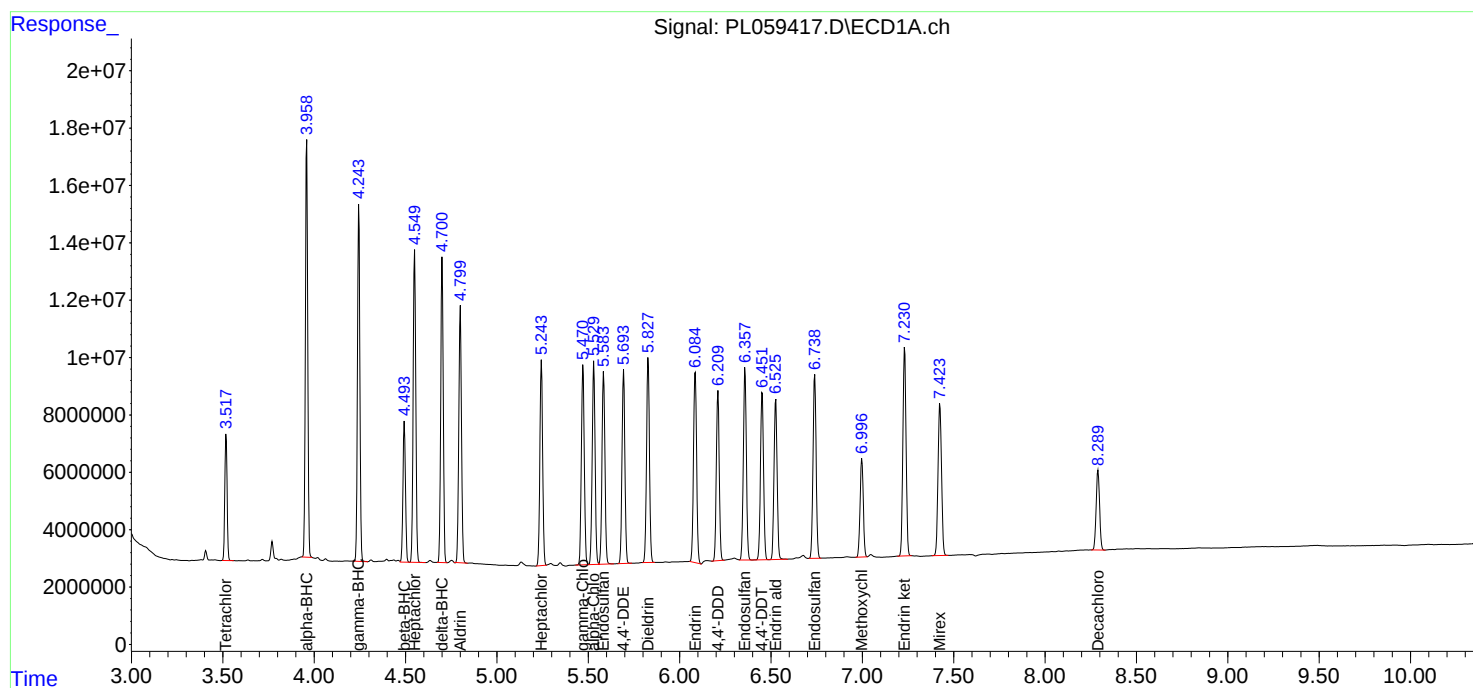
Instrument :
ECD_L
ClientSampleId :
SB-2MSD

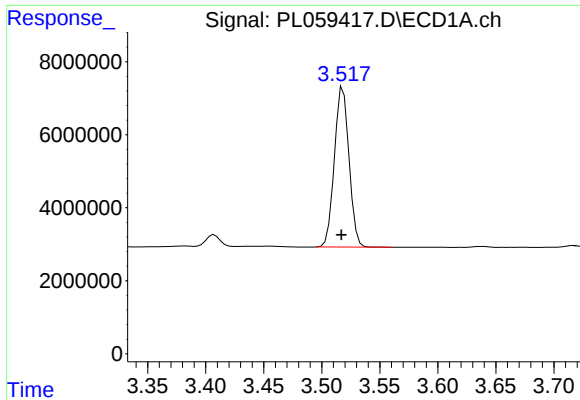
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 23 04:04:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062220.M
Quant Title : GC Extractables
QLast Update : Mon Jun 22 14:09:48 2020
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





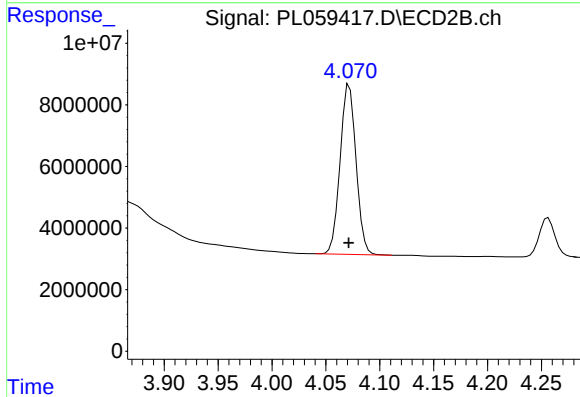
#1 Tetrachloro-m-xylene

R.T.: 3.518 min
Delta R.T.: 0.001 min
Response: 38554069
Conc: 21.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

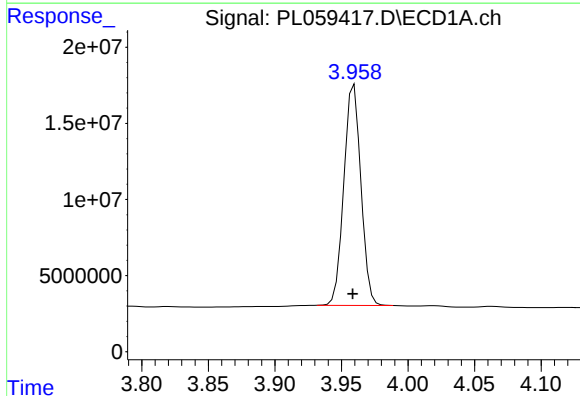
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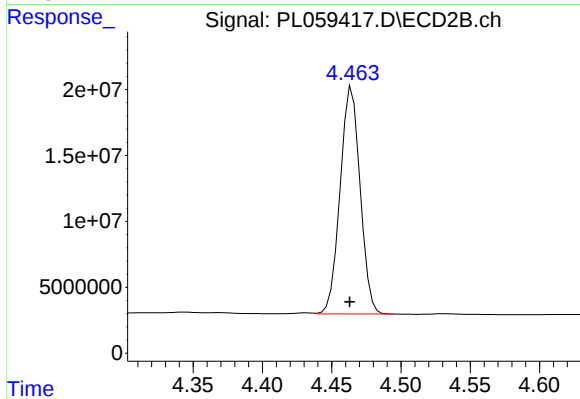
#1 Tetrachloro-m-xylene

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 56752545
Conc: 21.99 ng/ml



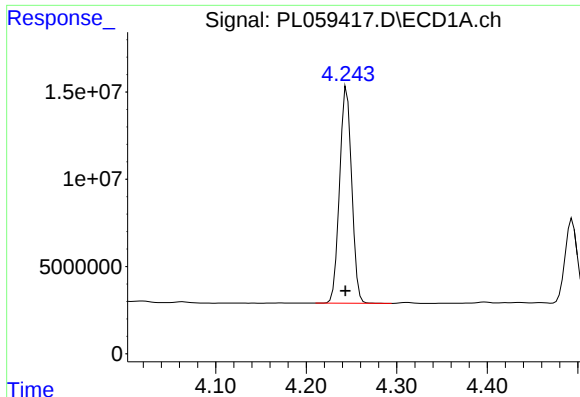
#2 alpha-BHC

R.T.: 3.959 min
Delta R.T.: 0.001 min
Response: 129369933
Conc: 50.12 ng/ml



#2 alpha-BHC

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 173119299
Conc: 50.82 ng/ml m



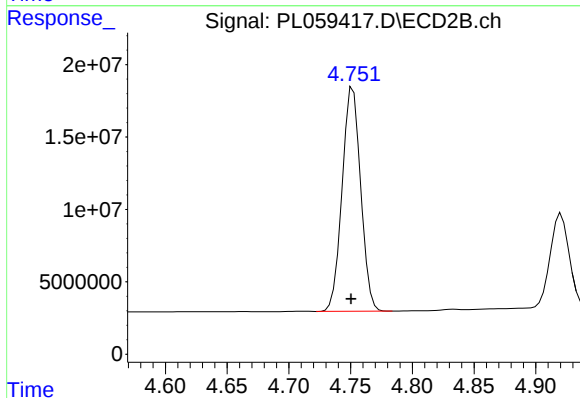
#3 gamma-BHC (Lindane)

R.T.: 4.245 min
Delta R.T.: 0.001 min
Response: 114877064
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

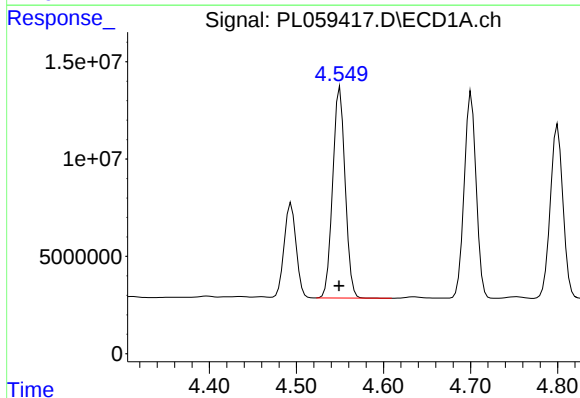
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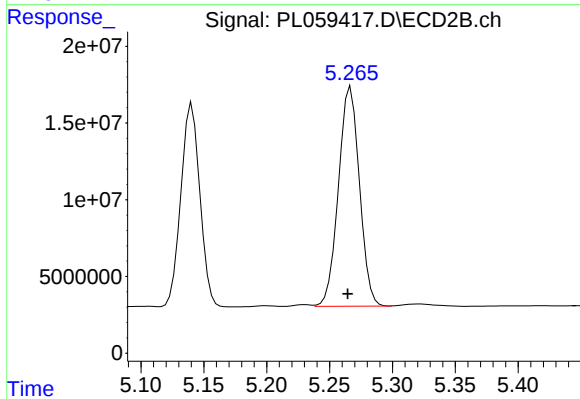
#3 gamma-BHC (Lindane)

R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 161904106
Conc: 51.73 ng/ml



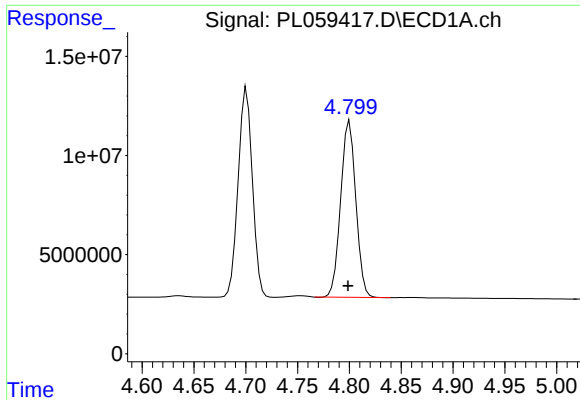
#4 Heptachlor

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 107674275
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 166052555
Conc: 51.27 ng/ml



#5 Aldrin

R.T.: 4.800 min

Delta R.T.: 0.001 min

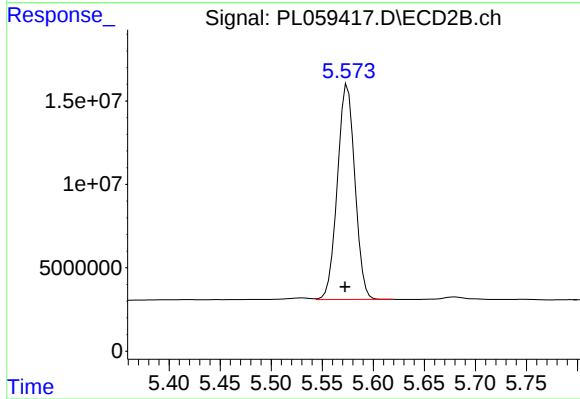
Response: 90599279

Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

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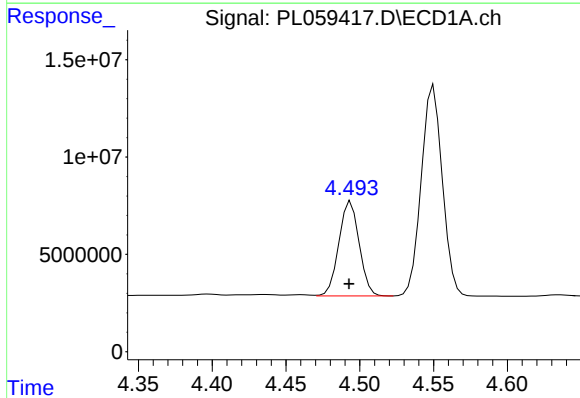
#5 Aldrin

R.T.: 5.575 min

Delta R.T.: 0.002 min

Response: 154087003

Conc: 50.03 ng/ml



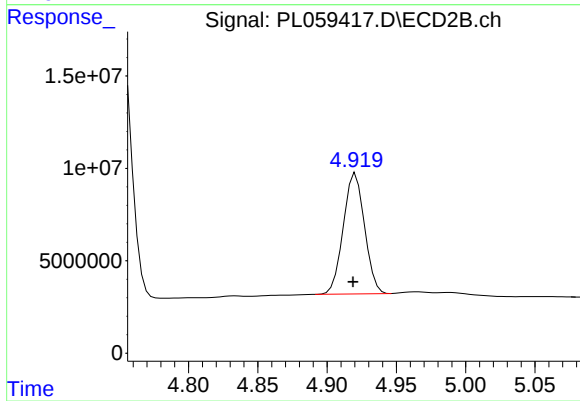
#6 beta-BHC

R.T.: 4.494 min

Delta R.T.: 0.001 min

Response: 46693741

Conc: 49.03 ng/ml



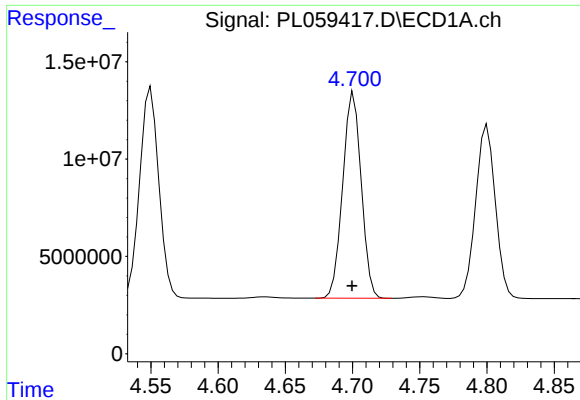
#6 beta-BHC

R.T.: 4.919 min

Delta R.T.: 0.000 min

Response: 69959776

Conc: 51.44 ng/ml m



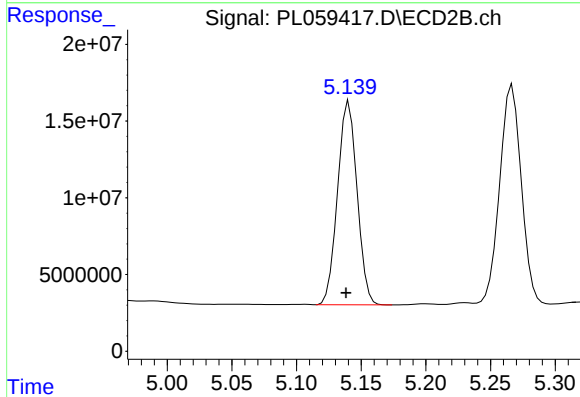
#7 delta-BHC

R.T.: 4.701 min
Delta R.T.: 0.001 min
Response: 101128426
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

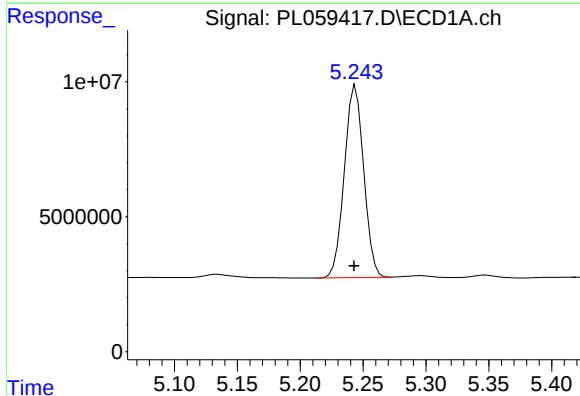
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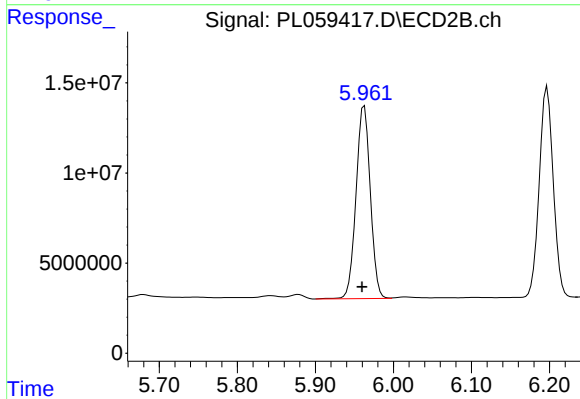
#7 delta-BHC

R.T.: 5.141 min
Delta R.T.: 0.002 min
Response: 139038231
Conc: 49.97 ng/ml



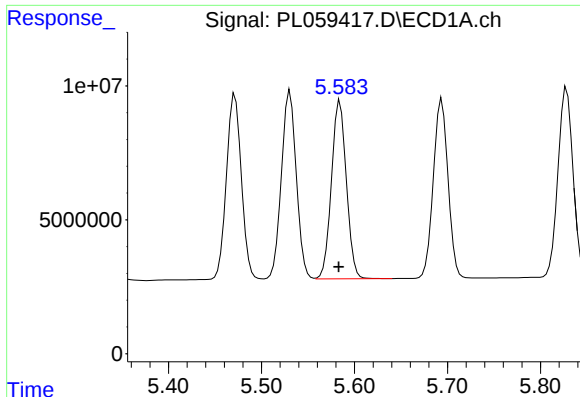
#8 Heptachlor epoxide

R.T.: 5.244 min
Delta R.T.: 0.001 min
Response: 76185954
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

R.T.: 5.963 min
Delta R.T.: 0.003 min
Response: 136367598
Conc: 54.34 ng/ml



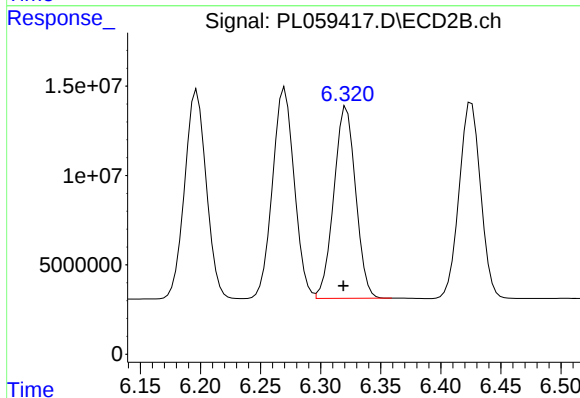
#9 Endosulfan I

R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 74299095
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

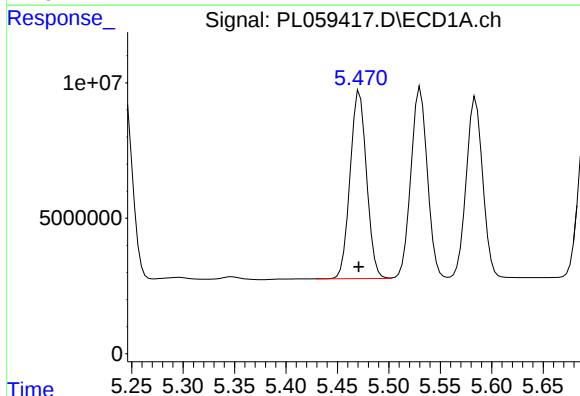
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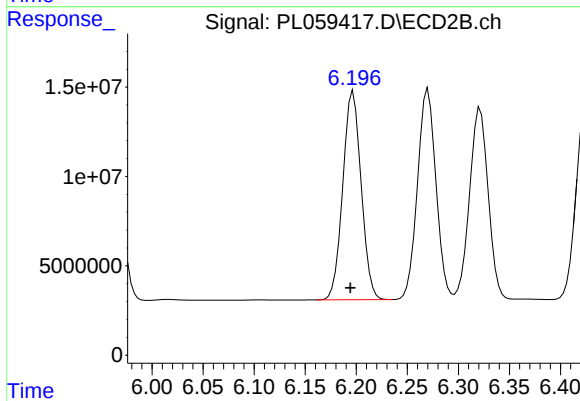
#9 Endosulfan I

R.T.: 6.321 min
Delta R.T.: 0.003 min
Response: 135804906
Conc: 50.04 ng/ml



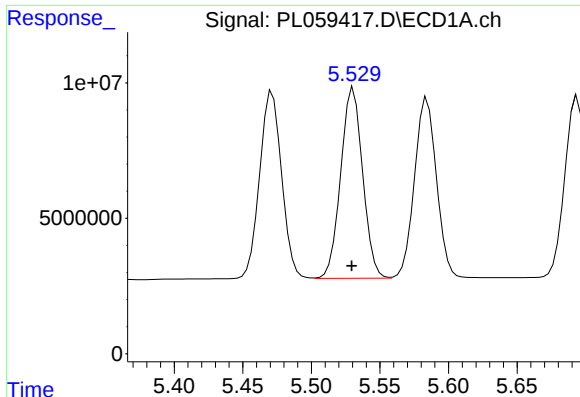
#10 gamma-Chlordane

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 77223839
Conc: 50.35 ng/ml



#10 gamma-Chlordane

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 146042317
Conc: 49.86 ng/ml



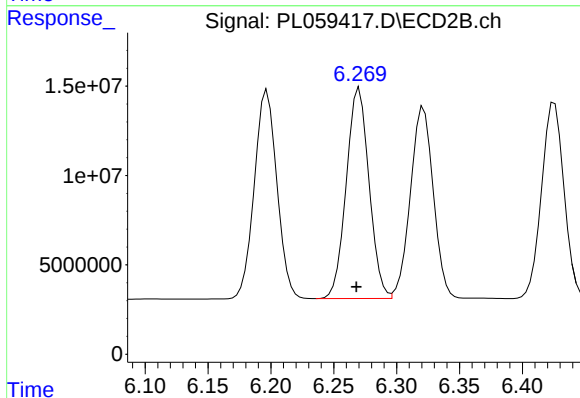
#11 alpha-Chlordane

R.T.: 5.531 min
Delta R.T.: 0.001 min
Response: 78327368
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

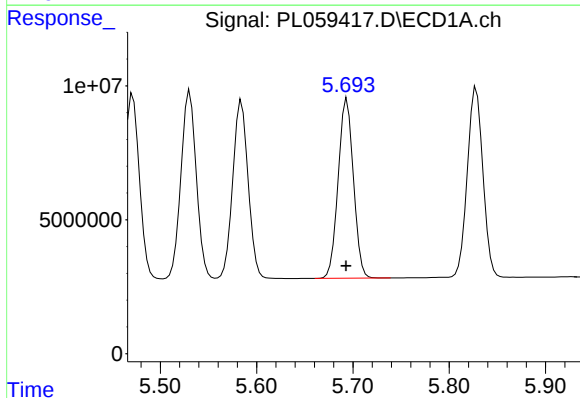
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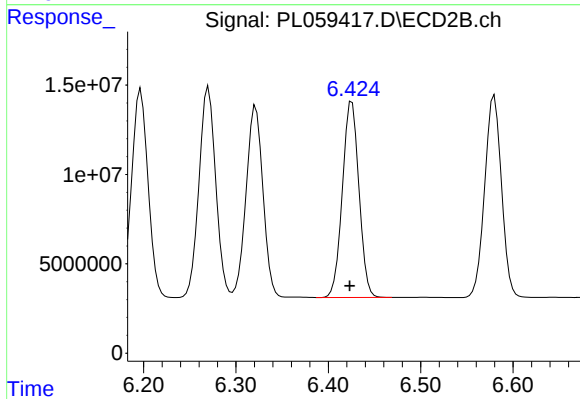
#11 alpha-Chlordane

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 148435949
Conc: 50.41 ng/ml



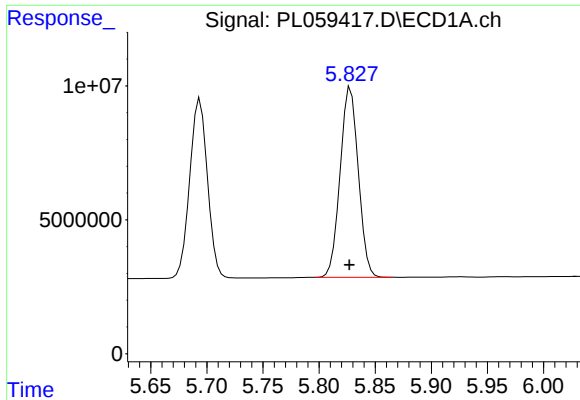
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 73733464
Conc: 50.74 ng/ml



#12 4,4'-DDE

R.T.: 6.426 min
Delta R.T.: 0.002 min
Response: 136805869
Conc: 50.66 ng/ml



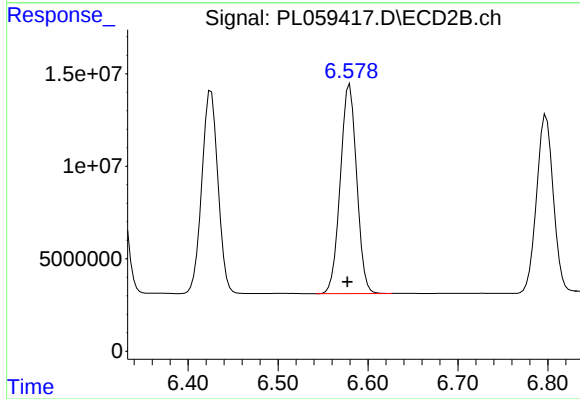
#13 Dieldrin

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 80063927
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

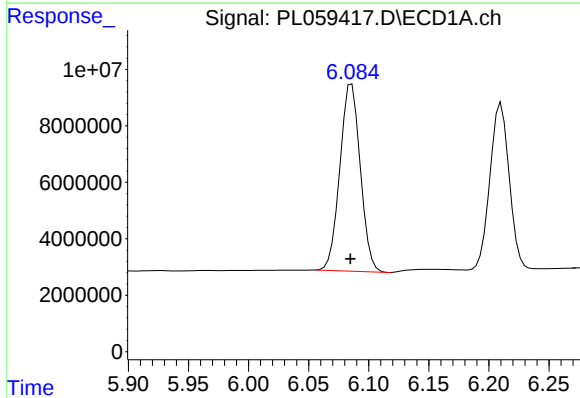
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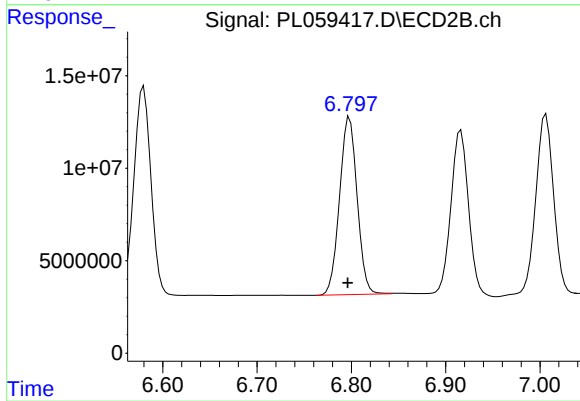
#13 Dieldrin

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 142976523
Conc: 50.79 ng/ml



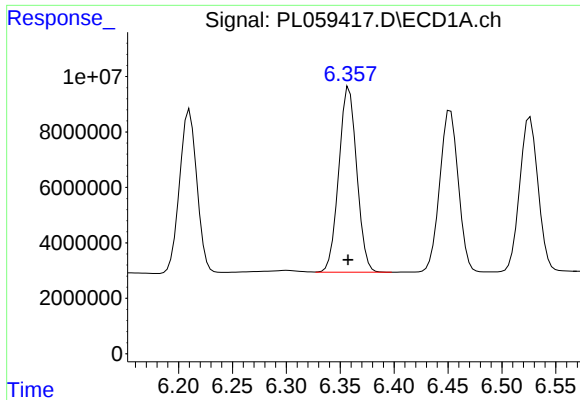
#14 Endrin

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 78535733
Conc: 51.69 ng/ml



#14 Endrin

R.T.: 6.798 min
Delta R.T.: 0.002 min
Response: 124486311
Conc: 50.39 ng/ml



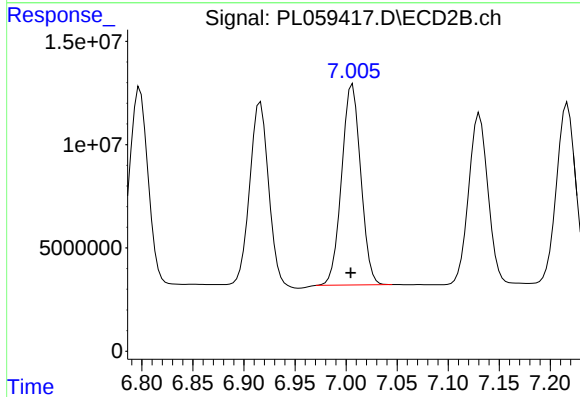
#15 Endosulfan II

R.T.: 6.358 min
Delta R.T.: 0.001 min
Response: 77622979
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

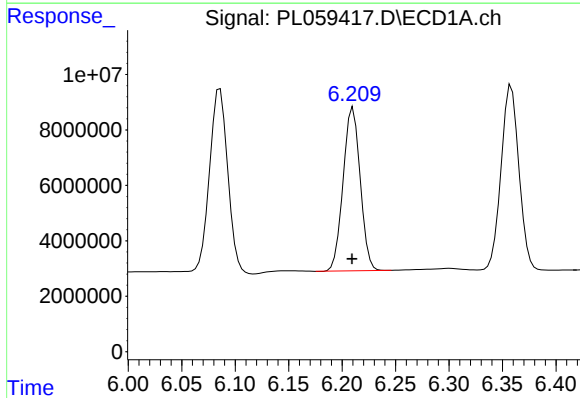
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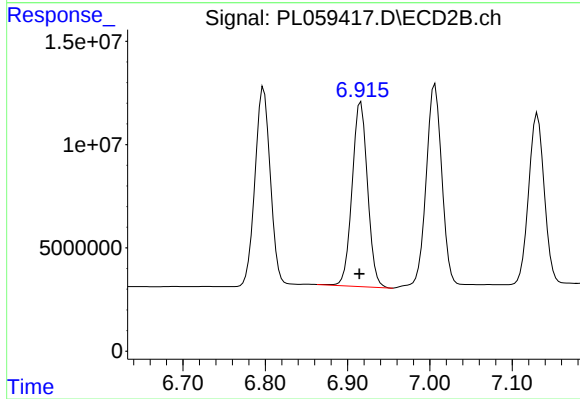
#15 Endosulfan II

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 126356099
Conc: 49.83 ng/ml m



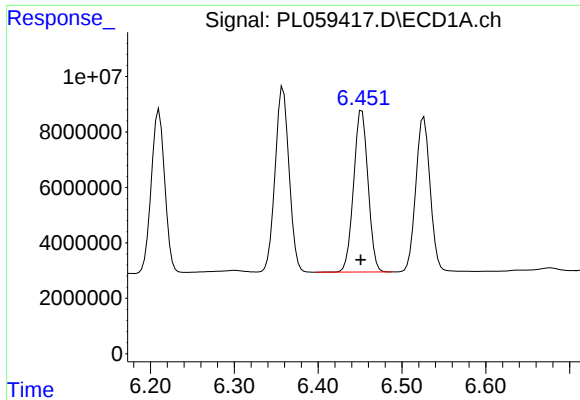
#16 4,4'-DDD

R.T.: 6.210 min
Delta R.T.: 0.001 min
Response: 65596533
Conc: 50.27 ng/ml



#16 4,4'-DDD

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 116388856
Conc: 52.31 ng/ml



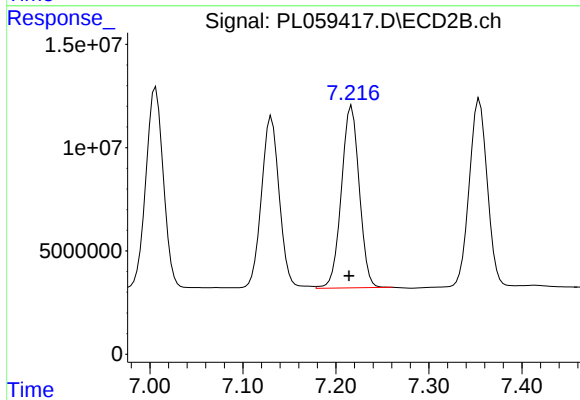
#17 4,4'-DDT

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 69859704
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

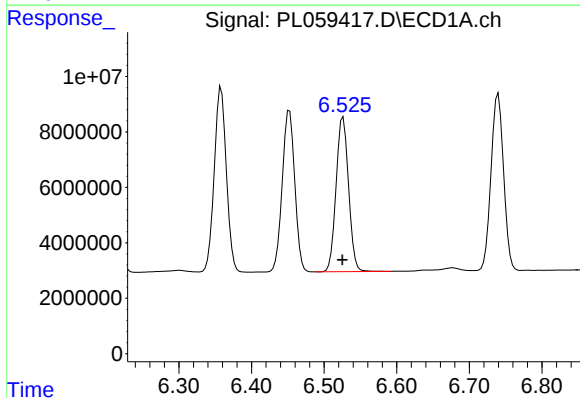
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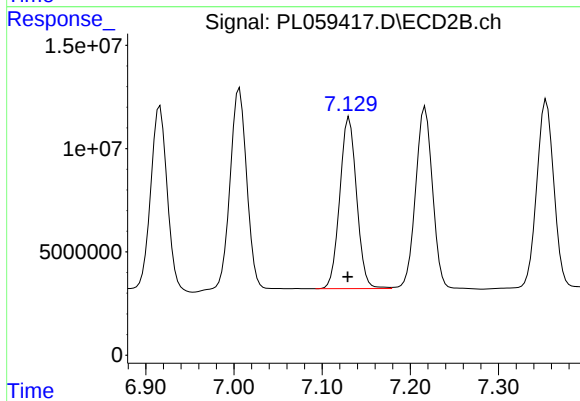
#17 4,4'-DDT

R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 117603159
Conc: 51.74 ng/ml



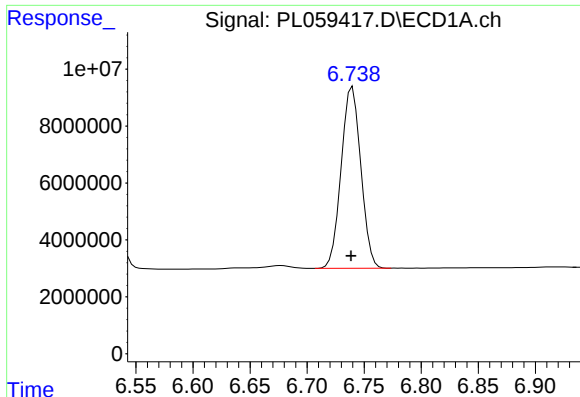
#18 Endrin aldehyde

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 66539614
Conc: 50.35 ng/ml



#18 Endrin aldehyde

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 110022290
Conc: 50.16 ng/ml m



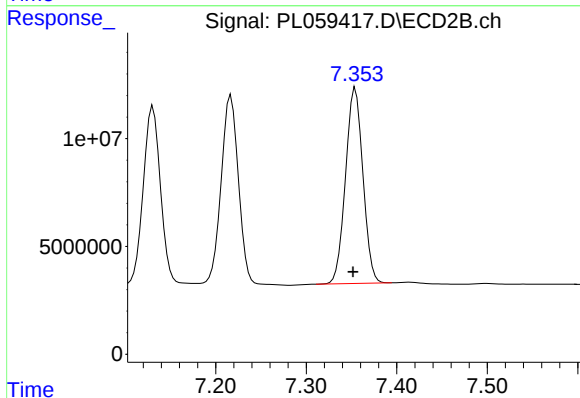
#19 Endosulfan Sulfate

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 76567257
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

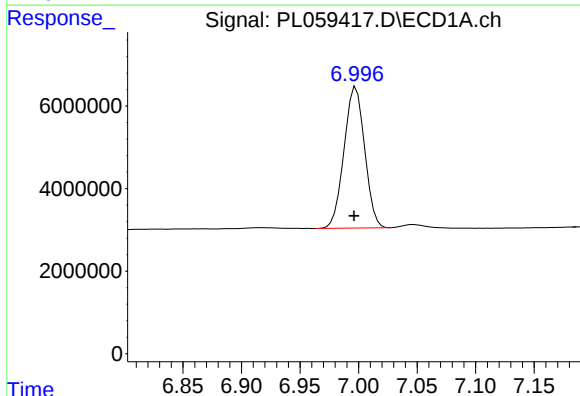
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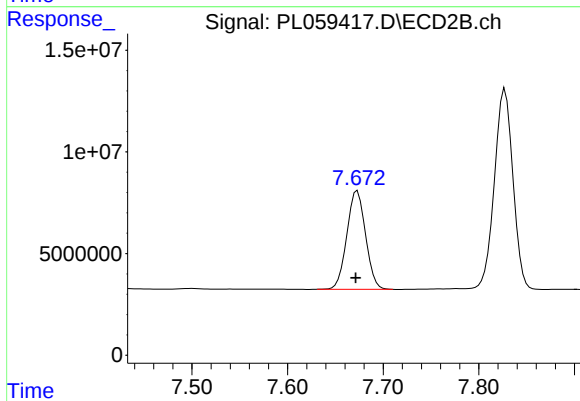
#19 Endosulfan Sulfate

R.T.: 7.354 min
Delta R.T.: 0.003 min
Response: 121267447
Conc: 50.10 ng/ml



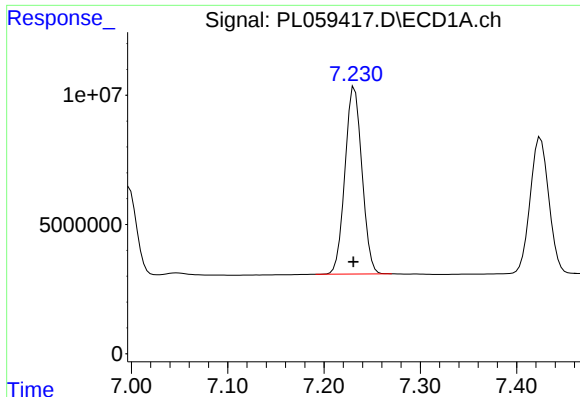
#20 Methoxychlor

R.T.: 6.998 min
Delta R.T.: 0.002 min
Response: 41882153
Conc: 51.68 ng/ml



#20 Methoxychlor

R.T.: 7.673 min
Delta R.T.: 0.002 min
Response: 66197347
Conc: 49.87 ng/ml



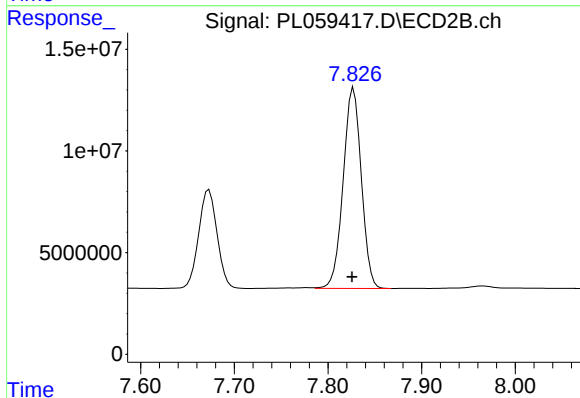
#21 Endrin ketone

R.T.: 7.232 min
Delta R.T.: 0.001 min
Response: 88401861
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

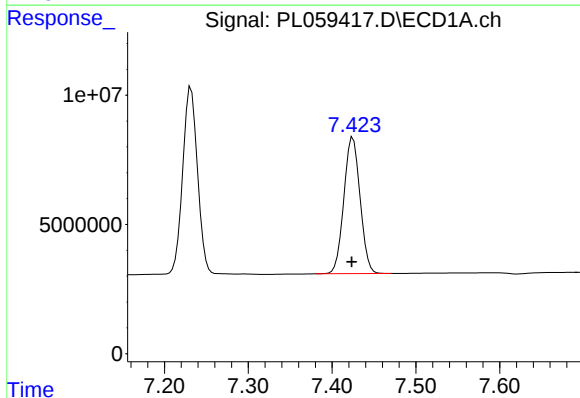
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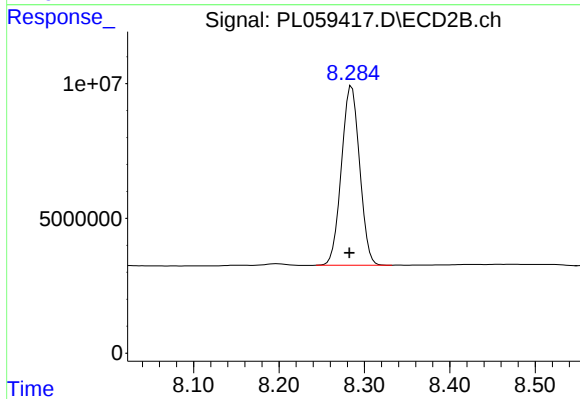
#21 Endrin ketone

R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 133057031
Conc: 51.51 ng/ml



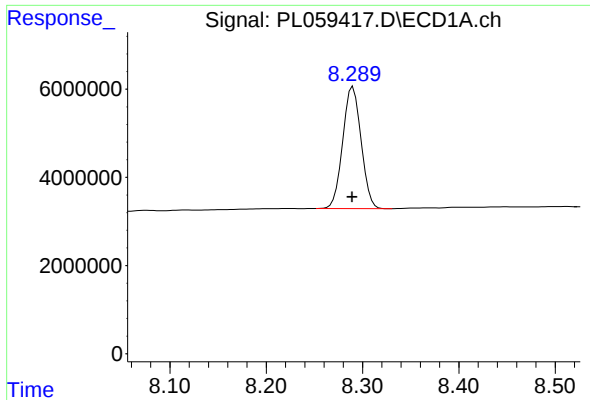
#22 Mirex

R.T.: 7.425 min
Delta R.T.: 0.002 min
Response: 71114770
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 8.285 min
Delta R.T.: 0.002 min
Response: 98446175
Conc: 49.84 ng/ml



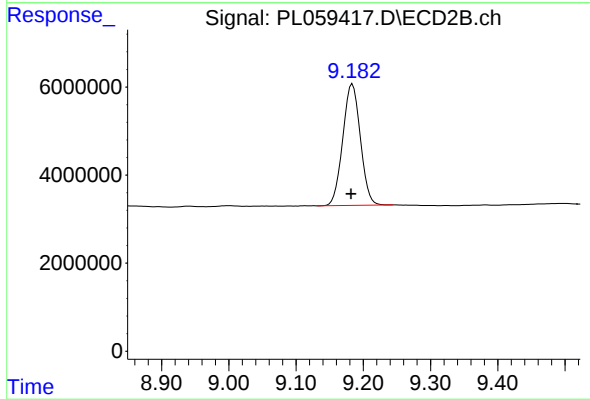
#28 Decachlorobiphenyl

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 36496012
Conc: 21.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-2MSD

Manual Integrations
APPROVED

mohammad
6/24/2020 11:44:25 AM



#28 Decachlorobiphenyl

R.T.: 9.184 min
Delta R.T.: 0.002 min
Response: 50067978
Conc: 21.87 ng/ml